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United States Department of State

Washington, D.C. 20520

August 14, 1985

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MEMORANDUM FOR: Vice Admiral E. A. Burkhalter, Jr.  
Director  
Intelligence Community Staff

SUBJECT : Request for Support to Correct IHS System  
Vulnerabilities

This memorandum is in response to the IC Staff COMPUSEC study recommendations with regard to the State INR/IHS system. The Department is prepared to make the necessary upgrades and modifications to disconnect the IHS System from the IBM 3038 in order to comply with the COMPUSEC study recommendations. Our working plan was submitted to the IC Staff in May 1985 and reviewed favorably by technical consultants. The Department will make every effort to make the disconnect by April, 1986.

The basic approach to satisfying these requirements will include the following steps:

- 1) Replicate those functions of the IHS currently executed on the IBM hardware with no loss of capability for the users.
- 2) Utilize Department of State software contracts to support the work.
- 3) Purchase necessary hardware to implement required security plan.
- 4) Perform all development work on site in the IHS SCIF.
- 5) The Information Systems Office will provide technical support, Information Systems Security Office will provide guidance and INR will provide managerial control over the project. There will be continued liaison with the IC Staff.

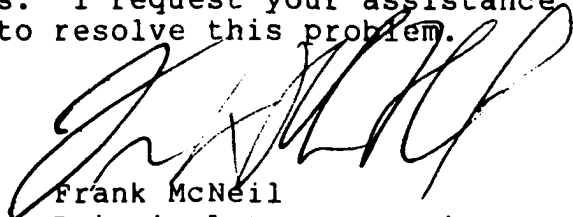
The Department of State approach has been approved by the COMPUSEC team and is now being reviewed by a contractor to develop a detailed workplan and schedule of events. The ISO funded contractor is working with both INR and ISO. INR will provide continued maintenance once the system has been accepted by the Department as being fully operational.

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Software revision activities will be covered by Department of State in-house funding including use of existing contractor services. However, new hardware and software related to that equipment will require funding beyond our present scope. Funding has been estimated at \$250,000 for upgrading central processors and major peripherals. I request your assistance in identifying resources in order to resolve this problem.

A handwritten signature in black ink, appearing to read 'Frank McNeil', is written over the typed name.

Frank McNeil  
Principal Deputy Assistant  
Secretary  
Bureau of Intelligence and Research

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Clearance: ISO: Day O. Mount

ISS: Lynn McNulty

Drafter: INR/IS:VJFazio x21312  
WANG #3831A

DEPARTMENT OF STATE  
THE DIRECTOR OF INTELLIGENCE AND RESEARCH  
WASHINGTON

January 18, 1985

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MEMORANDUM FOR:

Director, DCI's Computer Security (COMPUSEC)  
Project

SUBJECT: Final Report of the COMPUSEC Assessment of the  
State INR Automated Information System

I have reviewed the final report of the COMPUSEC assessment of the INR automated Information Handling System (IHS) and welcome the suggestions to improve its security.

I have endorsed this project since its inception, and as you will recall, enthusiastically volunteered the IHS to be surveyed. Many of the recommendations in your report were raised initially by State personnel during discussions with your staff. The Department has been aware of some of the security shortcomings but lacked the resources to take corrective action. For example, we early-on recognized the need for the software programs to ensure compartmentation and our efforts over the past year in this area are nearing completion.

In compliance with your recommendation to disconnect the PDP 11/70 from the IBM 3083, my staff, in conjunction with ISO, has compiled an estimate of resources needed to upgrade the INR system so that the disconnect can be accomplished. In addition, we also have an estimate of resources needed to divert selected classes of data from the IHS so that the planned IHS/COINS connection can take place.

Another basic finding contained in the report is that the existing system lacks current security accreditation as required by DCID 1/16. INR has been working since last year with the Department's Information Systems Security Office to achieve proper accreditation for the INR/IHS. This project is ongoing and its results will be reported to you.

I am counting on your assistance and support in identifying funds needed to implement these modifications. The point of contact in INR for this effort is Eileen Vanderburgh, 632-2555.

  
Hugh Montgomery

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21 December 1984

MEMORANDUM FOR: Mr. Hugh Montgomery  
Director, Bureau of Intelligence and Research  
Department of State

FROM: [REDACTED]  
Director, DCI's Computer Security (COMPUSEC) Project

SUBJECT: Final Report of COMPUSEC Assessment of the  
State INR Automated Information System

1. Attached are three copies of the DCI-sponsored Computer Security (COMPUSEC) Project Team's assessment of the security of the INR automated information system. One of the copies is bound and includes the DCI Directives and other pertinent documents which are identified in Appendix III. [REDACTED]

2. As you recall, the COMPUSEC Project Team, under the direction of [REDACTED] performed an initial assessment of your system in November 1983 and then began a more refined and detailed security analysis of the system in March 1984. Drafts of this report of the assessment were sent to appropriate INR personnel and to Peter Kurtz, the systems programmer for the INR system. Based on their concerns with some of the findings in our report, [REDACTED] and his COMPUSEC Project Team modified earlier drafts and brought in highly technically qualified experts who explained our concerns to your representatives. They were Dr. Lara Baker, Los Alamos National Lab (LANL) and Mr. H. O. Lubbes, Naval Electronics Command. [REDACTED]

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6. Your participation and support in the COMPUSEC effort has been appreciated. I consider this report to be under your control. It will not be released to anyone without your approval. I and [redacted] will be happy to assist you in obtaining support for following through with the recommendations made by the COMPUSEC Project Team.

Attachment: a/s

Distribution:

Orig - Adse (w/atts)

2 - INR/OIS (Mrs. Eileen Vanderburgh) (w/o/appendices)

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